DII.3200.RSI.2000.HP1020.VDD-1

Defense Information Infrastructure (DII)

Common Operating Environment (COE)

Version Description Document for the
Remote Segment Installer Segment

Version 2.0.0.0

(HP-UX 10.20)

July 25, 1997

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Table of Contents

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> **NOTE**: Courier font is used to indicate entries to be typed at the keyboard, operating system commands, file and directory names, and screen text. For example:
>
> The file is located in the `DII_DEV` directory.

1. System Overview

COERmtInstall is the Defense Information Infrastructure (DII) Common Operating Environment (COE) remote installation tool. It is normally selected from the System Administration menu bar as the `Remote Segment Installer` option, but it may also be invoked from the command line. The COERmtInstall tool can be used in either a *push* or a *pull* mode.

> **NOTE**: A Netscape segment must be installed before you can install the COERmtInstall tool. The Remote Segment Installer segment requires the Netscape segment for graphical pull operations.

The remote installation *push* operation involves the transfer of one or more segments from the source site (for example, Operational Support Facility [OSF]) across the network to the target site. You can either load the selected segments on the network installation server or install them directly on the target machine. In the push mode, the operator is at the source site.

The remote installation *pull* operation involves an operator at the target site requesting the transfer of one or more segment install files from the source site across the network to the target site. Pull mode operation has a World Wide Web (WWW) interface for ease of use. You can either load the selected segments on the network installation server or install them directly on the source machine.

The *DII COE Integration and Runtime Specification* and the *DII COE Remote Segment Installer Segment User's Guide* provide a complete description of the COERmtInstall tool and its functionality.

2. Referenced Documents

The following documents are referenced in this Version Description Document (VDD):

C   DII COE I&RTS:Rev 3.0, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Integration and Runtime Specification* Version 3.0, January 1997

C   DII.3200.RSI.2001.HP1020.UG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.2.0.0 Remote Segment Installer Segment Version 2.0.0.0 User's Guide (HP-UX)*, July 25, 1997

C   DII.3200.RSI.2001.HP1020.IG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.2.0.0 Remote Segment Installer Segment Version 2.0.0.0 Installation Guide (HP-UX)*, July 25, 1997

C   DII.3200.HP1020.AG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) System Administrator's Guide (HP-UX 10.20)* Version 3.2.0.0, July 25, 1997.

3.   Version Description

3.1   Inventory of Materials Released

C   Magnetic media: Two 4mm DATs consisting of a relative tar of the Remote Segment Installer segment, Version 2.0.0.0 (HP-UX 10.20).

C   Soft-copy Documentation: One 3.5" floppy diskette (WordPerfect 6.0 for Windows format) containing the *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.2.0.0 Version Description Document (VDD) for the Remote Segment Installer Segment Version 2.0.0.0*, Document Control No. DII.3200.RSI.2000.HP1020.VDD-1, July 25, 1997.

C   Hard-copy Documentation: Two hard copies of the aforementioned VDD.

3.2   Software Changes

This delivery contains no software changes.

4.   Installation Instructions

Reference the *DII COE Remote Segment Installer Segment Installation Guide (HP-UX)* for instructions on installing the Remote Segment Installer segment.

5. Known Problems and Errors

DII COE Version 3.2.0.0 Remote Segment Installer Segment Version 2.0.0.0 (HP-UX 10.20) Known Problems and Errors
Total Software Changes: [1]
INRI Number: RTO00001927 **Agency Number**: None **Short Description**: The RemoteInstall segment does not create an icon in the SA_Default Application Manager window. **Long Description**: When the RemoteInstall segment is installed, no icon is available in the SA_Default profile. The workaround is to use the Security Manager to add the Remote Installer to an SA_Default profile. The icon then will be available in that profile.

6. Release Notes

1. The DII COE kernel must be loaded at the target site before you can use the Remote Segment Installer segment. The following setup issues must be resolved:

   C **The account used when running the Remote Segment Installer must have permission to create and write to the network installation server directories (e.g., `/h/NET_SERVER`, `/home2/NET_SERVER`) and `/h/data/global/SysAdm`** In addition, the root user must be able to read and write to these directories to install segments remotely.

   C **The network installation server directory must be shared**. The directory name must be listed in the `/etc/exports` file. If the directory is not shared, use the `Disk Manager` option to share the installation server directory. Refer to the *DII COE System Administrator's Guide (HP-UX 10.20)* for more information about using the `Disk Manager` option.

   C **The working partition must be large enough to hold the necessary segment installation files**. Total disk space required is two to three times the size of the segment installation file.

2. The COERmtInstall tool provides several security measures (e.g., encryption and passwords) to protect segment transmission and to prevent unauthorized access to the repository or a target site.

NOTE: No encryption is available for anonymous FTP. Encryption must be enabled at the source site by using a Netscape server with SSL support.

3. The DII COE repository will create segment files immediately once a segment is downloaded, so the server requires extra disk space. Therefore, depending on the segments selected, it is recommended that extremely large segments not be made available for network download to save network resources.

4. Only segments with a platform identical to the target site can be remotely installed, so HP users can only install HP segments.